BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

e of Work : Improvements to road & drain at Kammagondanahalli Rama temple back side road and surrounding area in Ward No.12, in Shettyhalli Sub Division.

ode-012-18-000008 *Est .Cost Rs.50.00 Lakhs*

Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
SRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving average horizontal throw up to 2m & an average lift upto 1.5m , excavated rface leveled & sides neatly dressed , the disposed earth to be levelled neatly ter breaking of clods complete as per specification MORTH/ Chapter 3. **P. No. 12/ It No. 19.1/ PWD SR 2016-17**								
or drain	**Cum**							
G halli Rama temple back side road		1	380.00	1.20	1.05	478.80		
		1	235.00	1.20	1.00	282.00		
or culverts		4	6.00	1.65	1.20	47.52		
						808.32	175.96	**142232.00**
Basic Rate	**82.00**							
add loading & unloading charges	68.00							
lead for 5 km=5*1.28*2.5	16.00							
Total	166.00							
add AW 6%	9.96							
	175.96							
KSRB 4-1.3 : **Providing and laying in position plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.3 **Page No.12/ Item No. 4.3/ PWD SR 2016-17**								
K.G halli Rama temple back side road	cum	1	380.00	1.20	0.15	68.40		
		1	235.00	1.20	0.15	42.30		
For culverts		4	6.00	1.50	0.15	5.40		
						116.10	5159.02	**598962.00**
Basic Rate	4867.00							
Add A.W 6%	292.02							
Total	**5159.02**							
KSRB 4.2.2 : **Providing and laying in position reinforced cement concrete of design mix M20** with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed -2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings,pedastals,retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 **,P.13/I.4.11/ PWD SR 2016-17**								

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r drain bottom	Cum							
K G halli Rama temple back side road		1	380.00	1.10	0.15	62.70		
		1	235.00	1.10	0.15	38.78		
For culverts		4	6.00	0.90	0.15	3.24		
side wall								
K G halli Rama temple back side road		2	380.00	0.15	0.70	79.80		
		2	235.00	0.15	0.60	42.30		
For culverts		8	6.00	0.30	0.70	10.08		
culvert deck slab		4	6.00	1.50	0.23	8.28		
ramp		4	6.00	0.90	0.12	2.59		
						247.77	6371.66	**1578687.00**
Basic Rate	6011.00							
Add A.W 6%	360.66							
Total	**6371.66**							
KSRB 4-6.4 : **Providing and removing centering, shuttering**, strutting,. propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cilis and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No.15/ Item No. 4.31/ PWD SR 2016-17**								
17th Main Depot Muniswamappa L/o R/s	**sqm**	3	380.00		0.70	798.00		
		3	235.00		0.60	423.00		
For culverts		16	6.00		0.75	72.00		
		4	6.00	0.60		14.40		
		4	15.00		0.23	13.80		
						1321.20	310.58	**410338.00**
Basic Rate	293.00							
Add A.W 6%	17.58							
Total	**310.58**							
KSRB 4.9.2: **Providing T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bars **Fe 500**. **Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17**								
for drain	Tonnes		239.49	x	60kgs	14369.22		
for cd's			8.28	x	70kgs	57.96		
						14427.18		
				or say		**14.43**	64243.42	**926851.00**
Basic Rate	60607.00							
Add A.W 6%	3636.42							
Total	**64243.42**							
Providing & laying reinforeced cement precast slabs of mix **CC 1:11/2:3** using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.								
	Sqm	1	380.00		0.90	342.00		
		1	235.00		0.90	211.50		
						553.50	1680.00	**929880.00**
Approved Rate of Precast slab	**1680.00**							

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b Total								4586950.00
dd TP and other charges								412825.00
Miscellaneous and unforeseen charges								225.00
							Total	5000000.00

(Rupees fifty lakhs only)

1 The Estimate is prepared as per the PWD SR 2016-17
2 The Provision made in estimate are adequate and essential
3 This area comes under BBMP limits.

Asst Engineer
Ward No-12

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ಸಂ. BB/DD/AS/668/17-18 ದಿನಾಂಕ : 26.12.17
Rs 50.00 Lakhs
Rupees fifty Lakhs only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
P-3332
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. CE/TS/419/17-18 ದಿನಾಂಕ : 27/12/17
ರೂ. ~~CE/TS/~~ Rs 50.00 lakh only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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Estimated Cost : Rs 50.00 Lakhs

Job Code-012-18-000008

Assistant Engineer
Ward No 12

Assistant Executive Engineer
Shettyhalli Sub Division

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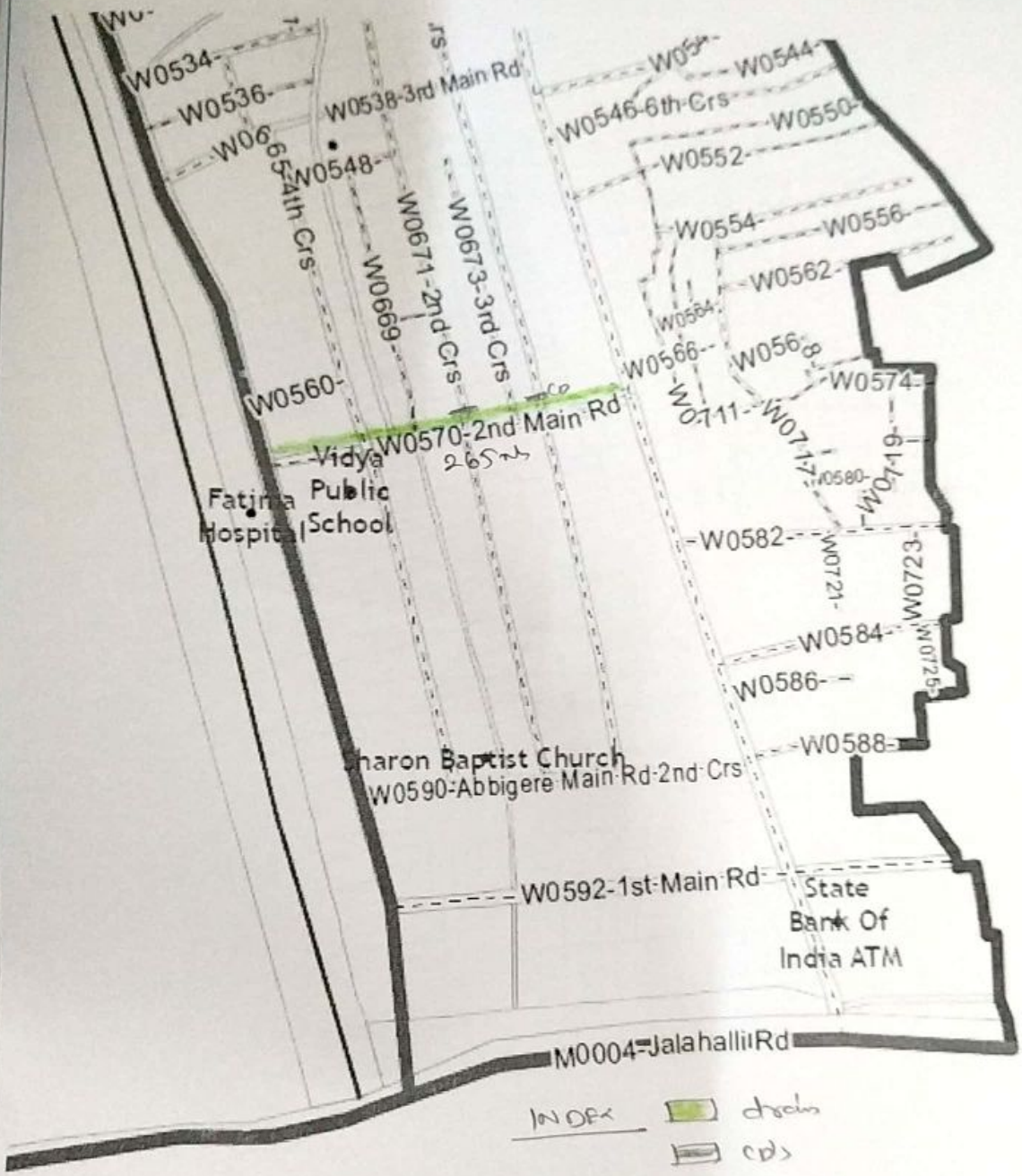

Assistant Engineer
Ward No 12

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Shettyhalli Sub Division

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